

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	US-6219654-\$.DID. OR US-6249769-\$.DID. OR US-6260020-\$.DID.	USPAT	OR	OFF	2006/09/15 13:32
L2	1	("6557008").PN.	USPAT	OR	OFF	2006/09/15 13:35
L3	1	("6236161").PN.	USPAT	OR	OFF	2006/09/15 13:35
L4	1	("6587833").PN.	USPAT	OR	OFF	2006/09/15 13:36
L5	1	("6526387").PN.	USPAT	OR	OFF	2006/09/15 13:38
L6	1	("6675149").PN.	USPAT	OR	OFF	2006/09/15 13:40
L7	1	("6968324").PN.	USPAT	OR	OFF	2006/09/15 13:51
L8	1	("6557008").PN.	USPAT	OR	OFF	2006/09/15 13:52
L9	29	("4716542" "4887206" "5006998" "5249120" "5255207" "5276775" "5680305" "5724262" "5737227" "5745880" "5842212" "5920849" "5960417" "5963939" "5973632" "5978845" "5995973" "6004015" "6018742" "6144375" "6226630" "6236994" "6253202" "6353817").PN. OR ("6557008").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:57
L10	0	(design adj3 constraint) and (data adj stucture) and (class adj attribute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 13:58
L11	0	(data adj stucture) and (class adj attribute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 13:58
L12	979	(data adj structure) and (class adj attribute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 13:58
L13	10	12 and (design adj constraint)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:04

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L14	161	provisioning and (design with constraint) and table and data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:04
L15	67	provisioning and (design adj3 constraint) and table and data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:04
L16	12	15 and (information adj3 technology)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:07
L17	144	(design adj process) and (design with constraint) and tables and (custom adj3 design)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:08
L18	82	(design adj process) and (design adj3 constraint) and tables and (custom adj3 design)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:18
L19	1	("5850539").PN.	USPAT	OR	OFF	2006/09/15 14:18
L20	20	("4591983" "4870591" "5257387" "5460441" "5499357" "5515524" "5560022").PN. OR ("5850539").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:18
L21	133	("4591983").URPN.	USPAT	OR	OFF	2006/09/15 14:41
L22	0	(flexible adj design adj constraints)	USPAT	OR	OFF	2006/09/15 14:42
L23	1	(flexible adj design adj constraints)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:42
L24	9478	(design adj constraints)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:42

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L25	1	24 and (information adj technology adj architecture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:43
L26	50	(information adj technology adj architecture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/15 14:43
L27	63	(information adj technology adj architecture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:43
L28	17	27 and constraint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:52
L29	11	(capacity adj planning) and (design adj constraints)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 14:55
L30	3	((("6550057") or ("6601233") or ("6405364")).PN.	USPAT	OR	OFF	2006/09/15 14:56
L31	1	30 and constraint	USPAT	OR	OFF	2006/09/15 14:56
L32	5700	((703/1,2) or (705/1,7,10,11,400) or (713/1,2/100) or (717/11)). CCLS.	USPAT	OR	OFF	2006/09/15 14:57
L33	616	32 and constraint	USPAT	OR	OFF	2006/09/15 14:57
L34	22	33 and (information adj technology)	USPAT	OR	OFF	2006/09/15 14:58
L35	12	("4887218" "5377095" "5442730" "5521814" "5630070" "5655118" "5754857" "5767848" "5946662" "5950170" "5963911" "6115691").PN. OR ("7020617").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 15:31
L36	5694	32 not 35	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 15:33

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L37	309	table with (design adj5 (constraint or requirement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 15:35
L38	2	37 and (class adj attribute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 15:35
L39	3	37 and (class with attribute)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 15:35
L40	36	37 and (design adj4 process)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/15 15:36



Web Results 1 - 10 of about 491 for **data structure table class attribute flexible "design constraint" filetype:****[PDF]** [Experience in using RDF in Agent-mediated Knowledge Architectures](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)knowledge of **classes**, **attributes** and subclass relation-. ships in the domain. ... This uses **data structures** to represent the beliefs ...www.csd.abdn.ac.uk/~schalmer/sss2003.pdf - [Similar pages](#)**[PDF]** [Document Centric Environments: combining the solving and ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)**Table IV.** 'p'element with **attributes** and character **data** from a document ... An internal **data structure** in Environment **class** keeps track ...www.cs.swan.ac.uk/reports/yr1999/CSR12-99.pdf - [Similar pages](#)**[PDF]** [SMORE – Semantic Markup, Ontology, and RDF Editor](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)on the standardized **structure** of e-mails. Thus, users. compose e-mails normally and MailSMORE uses. standard e-mail **attributes** (subject, to, from, body etc. ...www.mindswap.org/papers/SMORE.pdf - [Similar pages](#)**[PDF]** [Proceedings of ESEC/FSE 2001 Workshop on Composition Languages](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)If a **class attribute** is present, then a component instance ... Component Specification: The **data structure** of the array for the component specifica- ...www.cs.iastate.edu/~lumpe/WCL2001/WCL2001-Proc.pdf - [Similar pages](#)**[PDF]** [A Probabilistic-Based Design Model for Achieving Flexibility in Design](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)while the mathematical **structure** of a preference function for performance levels. considered in this work is more **flexible**. For example, a preference ...ideal.mech.northwestern.edu/pdf/Chen_Yuan.pdf - [Similar pages](#)**[PDF]** [PyGen: A MATLAB/Simulink Based Tool for Synthesizing Parameterized ...](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)corresponding **data attribute** in the Python **class**. These **data** ... mapping the block set to the **flexible class** library in PyGen,. re-organization of the **class** ...ceng.usc.edu/~prasanna/papers/ouj_fccm04_camera_ready.pdf - [Similar pages](#)**[PDF]** [A Theoretical Framework for an Intelligent Design Catalogue](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)Inheritance means that certain objects inherit **attributes** ... Within the **class structure** of OOP,. methods can be overridden within particular **classes**, ...www.cden2006.utoronto.ca/data/10077.pdf - [Similar pages](#)**[PDF]** [Chapter 9: Documenting the Requirements](#)File Format: PDF/Adobe Acrobat - [View as HTML](#)design issue, and if you specify it here, it becomes a **design constraint** placed on ...Composition A **data structure** or record contains multiple **data** items. ...www.it-c.dk/courses/SU/E2002/Wiegers.pdf - [Similar pages](#)**[PDF]** [Microsoft PowerPoint - gilb tut.ppt](#)

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... 2001) and elsewhere was invaluable in the **design** of the Ensembl data model. ... The Ensembl compute architecture paper (Cuff et al. 2004) details this **design**. ...
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[Simplification of the Diagnostic Management of Suspected Deep Vein Thrombosis - group of 3 »](#)

... , BJ **Potter** van Loon, MH Prins, P Prandoni, HR ... - 2002 - archinte.ama-assn.org
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GM Duckworth, HR Millward, CD **Potter**, G Hewson, TL ... - British Dental Journal, 1998 - nature.com
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... Mahon, HJ Tutill, A Purohit, MJ Reed, BVL **Potter** - J. Med. Chem, 2005 - pubs.acs.org
... Structure-based drug **design** using the crystal structure of human 17 -hydroxysteroid dehydrogenase type 1 (17 -HSD1) led to the discovery of novel, selective ...
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[Performance of second generation BABAR resistive plate chambers - group of 3 »](#)

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... The new RPCs have performed reliably, maintaining good efficiency, justifying the **design** changes that were introduced and the care taken ...
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[Open-reading-frame sequence tags \(OSTs\) support the existence of at least 17,300 genes in *C. elegans* - group of 8 »](#)

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... are often referred to as "seeding trials." Features that distinguish such trials from scientifically rigorous studies include the use of a **design** that does not ...

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A Multi-Chip GaAs Monolithic Transmit/Receive Module for X-Band

... Pucel, Y Ayasli, D Wandrei, **JL Vorhaus**, **S Temple**, ... - Microwave Symposium Digest, MTT-S International, 1982 - [ieeexplore.ieee.org](#)
... Abstract The **design**, construction, and performance of an ... The low-noise and power amplifier circuits are of a conventional narrow-band **design** and their perform- ...
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Single-Frequency Analysis of Radial and Planar Amplifier Combiner Circuits - group of 2 »

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A Distributed Hydrologic Simulation Environment with Latin Hypercube Sampling Mitchell L. Neilsen ...

DM Temple, **JL Wibowo** - [actapress.com](#)
... In this paper, we describe the **design** of this new hydrologic simulation environment called Sites Spillway Erosion Analysis with Latin Hypercube Sampling (SSEA ...
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You can also enter a full question or concept in plain language.

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`John Colter, Netscape Navigator`

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`"museum of natural history" "museum of modern art"`

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`museum +art`

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`museum +"natural history" dinosaur -Chicago`



Published before May 2001

Terms used [constraint](#) [design](#) [tables](#) [attributes](#)

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1 [A framework for testing database applications](#)



David Chays, Saikat Dan, Phyllis G. Frankl, Filippos I. Vokolos, Elaine J. Weber

August 2000 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 2000**

ACM SIGSOFT international symposium on Software testing and analysis

ISSTA '00, Volume 25 Issue 5

Publisher: ACM Press

Full text available: pdf(557.89 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Database systems play an important role in nearly every modern organization, yet relatively little research effort has focused on how to test them. This paper discusses issues arising in testing database systems and presents an approach to testing database applications. In testing such applications, the state of the database before and after the user's operation plays an important role, along with the user's input and the system output. A tool for populating the database with meaningful data ...

Keywords: database, software testing, test data

2 [Special issue: AI in engineering](#)



D. Sriram, R. Joobani

April 1985 **ACM SIGART Bulletin**, Issue 92

Publisher: ACM Press

Full text available: pdf(8.79 MB)

Additional Information: [full citation](#), [abstract](#)

The papers in this special issue were compiled from responses to the announcement in the July 1984 issue of the SIGART newsletter and notices posted over the ARPAnet. The interest being shown in this area is reflected in the sixty papers received from over six countries. About half the papers were received over the computer network.

3 [An object-oriented cell library manager](#)

Naresh K. Sehgal, C. Y. Roger Chen, John M. Acken

November 1994 **Proceedings of the 1994 IEEE/ACM international conference on Computer-aided design**

Publisher: IEEE Computer Society Press

Full text available: pdf(469.77 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

4 Constraint-driven system partitioning



M. L. López-Vallejo, J. Grajal, J. C. López

January 2000 **Proceedings of the conference on Design, automation and test in Europe**

Publisher: ACM Press

Full text available: pdf(111.05 KB)



[Publisher Site](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

5 Improving database design through the analysis of relationships



Debabrata Dey, Veda C. Storey, Terence M. Barron

December 1999 **ACM Transactions on Database Systems (TODS)**, Volume 24 Issue 4

Publisher: ACM Press

Full text available: pdf(268.35 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Much of the work on conceptual modeling involves the use of an entity-relationship model in which binary relationships appear as associations between two entities. Relationships involving more than two entities are considered rare and, therefore, have not received adequate attention. This research provides a general framework for the analysis of relationships in which binary relationships simply become a special case. The framework helps a designer to identify ternary and other higher-degree ...

Keywords: ER model, conceptual model, integrity constraint, min-max cardinality, relationship degree, weak relationship

6 A constraint management tool for concurrent engineering



Elenita E. Silverstein, Peggy Sun

June 1990 **Proceedings of the 3rd international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2 IEA/AIE '90**

Publisher: ACM Press

Full text available: pdf(702.05 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

There are many knowledge-based systems out in industry being used to solve problems in the domains of design, planning, and scheduling. These applications have largely been developed disjointly, with no provisions for integration or information sharing. From the manufacturing point of view, several key domains consisting of design, tooling, cost analysis are considered phases of a product's life cycle. The goal of concurrent engineering is to work out manufacturing issues by considering inf ...

7 Behavioral synthesis of analog systems using two-layered design space exploration



Alex Doboli, Adrian Nunez-Aldana, Nagu Dhanwada, Sree Ganesan, Ranga Vemuri

June 1999 **Proceedings of the 36th ACM/IEEE conference on Design automation**

Publisher: ACM Press

Full text available: pdf(165.35 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

8 Towards optimal system-level design



Manjote S. Haworth, William P. Birmingham

July 1993 **Proceedings of the 30th international conference on Design automation**

Publisher: ACM Press

Full text available:  pdf(568.01 KB) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)

9 Ultra-lightweight constraints



Scott E. Hudson, Ian Smith

November 1996 **Proceedings of the 9th annual ACM symposium on User interface software and technology**

Publisher: ACM Press

Full text available:  pdf(1.07 MB) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)

Keywords: Java, lazy and incremental update, one-way constraint systems, space optimization, user interface layout, user interface toolkits

10 Feature attributes and their role in product modeling



Somashekar Subrahmanyam, Michael J. Pratt, Warren DeVries

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available:  pdf(1.19 MB) Additional Information: [full citation](#), [references](#), [citings](#), [index terms](#)


11 Tools and approaches for developing data-intensive Web applications: a survey



Piero Fraternali

September 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 3

Publisher: ACM Press

Full text available:  pdf(524.80 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

The exponential growth and capillar diffusion of the Web are nurturing a novel generation of applications, characterized by a direct business-to-customer relationship. The development of such applications is a hybrid between traditional IS development and Hypermedia authoring, and challenges the existing tools and approaches for software production. This paper investigates the current situation of Web development tools, both in the commercial and research fields, by identifying and characte ...

Keywords: HTML, Intranet, WWW, application, development

12 Semantic and schematic similarities between database objects: a context-based approach

Vipul Kashyap, Amit Sheth

December 1996 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 5 Issue 4

Publisher: Springer-Verlag New York, Inc.

Full text available:  pdf(287.44 KB) Additional Information: [full citation](#), [abstract](#), [citings](#), [index terms](#)

In a multidatabase system, schematic conflicts between two objects are usually of interest only when the objects have some semantic similarity. We use the concept of *semantic proximity*, which is essentially an *abstraction/mapping* between the domains of the two objects associated with the *context of comparison*. An explicit though partial context representation is proposed and the specificity relationship between contexts is defined. The contexts are organized as a meet semi-l ...

13 Communication design for electronic negotiations on the basis of XML schema



Michael Ströbel

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(214.16 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: XML, application framework, electronic negotiation, ontology

14 An efficient architecture model for systematic design of application-specific multiprocessor SoC

A. Baghdadi, D. Lyonnard, N. Zergainoh, A. Jerraya

March 2001 **Proceedings of the conference on Design, automation and test in Europe**

Publisher: IEEE Press

Full text available: pdf(314.87 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 A research typology for object-oriented analysis and design



David E. Monarchi, Gretchen I. Puhr

September 1992 **Communications of the ACM**, Volume 35 Issue 9

Publisher: ACM Press

Full text available: pdf(9.33 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

Keywords: analysis, modeling

16 Design compilation of feature-based and constraint-based CAD



Xiangping Chen, Christoph M. Hoffmann

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(678.20 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 Eliciting formal models of software engineering processes

Dirk Hölftje, Nazim H. Madhavji, Tilmann Bruckhaus, WonKook Hong


October 1994 **Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(263.10 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

One of the first steps in improving a process is to understand the process, for example, by building descriptive models of the process. This paper addresses the elicitation of formal process models from real-world projects, using the Elicit method and tool, developed at McGill, and Statemate. In addition, the paper illustrates how formal models can make processes visible and how they can uncover inconsistencies and incompleteness in the understanding and the documentation. The described method a ...

18 A design/constraint model to capture design intent


 Chia-Hui Shih, Bill Anderson

May 1997 **Proceedings of the fourth ACM symposium on Solid modeling and applications**

Publisher: ACM Press

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19 Ternary relationship decomposition and higher normal form structures derived from entity relationship conceptual modeling

 Trevor H. Jones, Il-Yeol Song, E. K. Park


February 1996 **Proceedings of the 1996 ACM 24th annual conference on Computer science**

Publisher: ACM Press

Full text available:  pdf(986.60 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: conceptual modeling, entity relationship, higher normal forms, ternary relationship

20 A SQL project as a learning method in a database course

 Behrooz Seyed-Abbassi

June 1993 **Proceedings of the 1993 conference on Computer personnel research**

Publisher: ACM Press

Full text available:  pdf(576.46 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a learning method which is being used at the University of North Florida in the database processing class for Information Systems (IS) students. The method incorporates a major project utilizing Structured Query Language (SQL). This project enhances the students understanding of the theoretical concepts of relational database by providing a simulation of a business environment-like experience. The hands-on practice with SQL and the development of a database which consider ...

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